



This Service Information bulletin supersedes SI B24 08 06 **dated February 2008**.

**NEW** designates changes to this revision

#### SUBJECT

**ZF 6HP19/6HP26 Transmissions - Mechatronic Sealing Sleeve Leaking**

#### MODEL

E53, E60, E61, E63, E64, E65, E66 with ZF 6-speed 6HP19 or 6HP26 transmission

#### SITUATION

Transmission fluid leak coming from the area of the transmission oil pan

#### CAUSE

The Mechatronic sealing sleeve's o-ring leaks.

#### PROCEDURE

On a customer complaint basis:

1. Drain and save the long-term fill transmission fluid (Shell M-375.4).
2. Replace the sealing sleeve (PN 24 34 7 519 357) and the transmission oil pan gasket. Follow Repair Procedure RA 24 34 020.
3. Clean the groove in the plastic oil pan before gasket installation. When reinstalling the oil pan, make sure that the sealing surface of the gasket is oil-free. Important: If the sealing surface is not completely dry, the oil pan may still appear to exhibit a minor leak. Follow the torque sequence and specification from RA 24 34 020.
4. On vehicles equipped with a plastic oil pan (all with the exception of E53), replace the drain plug. Follow the torque specification from RA 24 34 020.
5. Check and top up the transmission fluid level using Shell M-1375.4 (P/N 83 22 0 142 516). For the filling procedure, refer to TIS RA 00 11 500.
6. Warm the engine and test drive the vehicle to verify the effectiveness of the repair.

#### IMPORTANT NOTE:

In the unlikely event of the transmission fluid leak reappearing in the area of the oil pan gasket after completion of the test drive, the transmission oil pan and the gasket need to be replaced.

#### PARTS INFORMATION

Part Number	Description	Quantity
-------------	-------------	----------

24 34 7 519 357	Mechatronic sealing sleeve	1
24 11 7 571 204	6HP26 oil pan gasket (E60/61/63/64/65/66)	1
24 11 7 543 484	6HP26 oil pan gasket (E53)	1
24 11 7 540 844	6HP19 oil pan gasket (all models)	1
24 11 7 520 713	Drain plug 6HP19/6HP26 (except E53)	1

**WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty or the Certified Pre-Owned Program.

Please refer to the latest KSD for model applicable labor allowances.

**Defect Code                    24 00 51 48 00**

* Labor Operation	24 34 020	<b>Main Work*</b>
		Replace sealing sleeve for gearbox
		or
(+) Labor Operation	+24 34 530	Replace sealing sleeve for gearbox

\*Main Work: Use this labor operation number when this is the only repair being performed, or if this is the main repair when performed along with other repairs at the same time. If this is not the main repair, use the associated (+) labor operation code.

**NEW** In the case where replacing the Mechatronic sealing sleeve does not correct the fluid leak and the vehicle exhibits the same complaint after the short test drive, use the following warranty information for claiming the transmission oil pan replacement:

Labor Operation	24 11 510	<b>Vehicle with 6HP26 transmission</b>
		Replace oil pan & gasket
		or
Labor Operation	24 11 511	<b>Vehicles with 6HP19 transmission</b>
		Replace oil pan & gasket

[ Copyright © 2008 BMW of North America, LLC ]